

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
59472/JPW/SHSSerial No.  
09/374,213INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)Applicants  
David Stern et al.Filing Date  
August 13, 1999Group  
1647

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

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													Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SLW	Akama, T. Keith, et al., (1998) "Amyloid $\beta$ -peptide stimulates nitric oxide production in astrocytes through an NgkB-dependent mechanism," Proc. Natl. Acad. Sci. 95:5795-5800 ( <del>Exhibit 1</del> );
	Behl, C., et al., (1994) "Hydrogen Peroxide Mediates Amyloid $\beta$ Protein Toxicity," Cell 77:817-827 ( <del>Exhibit 2</del> );
	Combs, K. Colin, et al. (1999) "Identification of Microglial Signal Transduction Pathways Mediating a Neurotoxic Response to Amyloidogenic Fragments of $\beta$ -Amyloid and Prion Proteins," Journal of Neuroscience 19(3)928-939 ( <del>Exhibit 3</del> );
	Forloni, Gianluigi, et al. (1996) "Amyloid in Alzheimer's Disease and Prior-Related Encephalopathies: Studies With Synthetic Peptides," Progress in Neurobiology 49:287-315 ( <del>Exhibit 4</del> );
	Ghiso, Jorge, et al. (1994) "Unifying Features of Systemic and Cerebral Amyloidosis," Molecular Neurobiology 8(1) 49-64 ( <del>Exhibit 5</del> );
	Inagaki, Fuyuhiko, et al. (1978) "Conformation of Erabutoxins a and b in Aqueous Solution as Studied by Nuclear Magnetic Resonance and Circular Dichroism," 89:433-443 ( <del>Exhibit 6</del> );
	Kimball, M.R., et al. (1979) "Molecular Conformation of Erabutoxin b; Atomic Coordinates At 2.5 Å Resolution," Biochemical and Biophysical Research Communications 88:950-959 ( <del>Exhibit 7</del> );
	Kindy, S. Mark and Rader, J. Daniel (1998) "Reduction in Amyloid A Amyloid Formation in Apolipoprotein-E-Deficient Mice," American Journal of Pathology 152:1387-1395 ( <del>Exhibit 8</del> );

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*Sandra Weger*

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5/28/01

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	Kirschner, A. Daniel, et al. (1986) "X-ray diffraction from intraneuronal pairs helical filaments and extraneuronal amyloid fibers in Alzheimer disease indicates cross- $\beta$ conformation" Proc. of the National Academy of Sciences 83:503-507 ( <del>Exhibit 9</del> );
	Kilsilevsky, Robert, et al. (1995) "Arresting amyloidosis in vivo using small-molecule anionic sulphonates or sulphates: implications for Alzheimer's disease," Nature Medicine 1:143-148 ( <del>Exhibit 10</del> );
	Lander, M. Harry, et al. (1997) "Activation of the Receptor for Advanced Glycation End Products Triggers a p21 <sup>ras</sup> -dependent Mitogen-activated Protein Kinase Pathway Regulated by Oxidant Stress," Journal of Biological Chemistry 272:17810-17814 ( <del>Exhibit 11</del> );
	Levine, Harry (1993) "Thioflavine T interaction with synthetic Alzheimer's disease $\beta$ -amyloid peptides: Detection of amyloid aggregation in solution," Protein Science 2(3):404-410 ( <del>Exhibit 12</del> );
	Mattson, P. Mark and Goodman, Yadong (1995) "Different amyloidogenic peptides share a similar mechanism of neurotoxicity involving reactive oxygen species and calcium," Brain Research 676(1):219-224 ( <del>Exhibit 13</del> );

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SLW		Pike, J. Christian, et al. (1993) "Neurodegeneration Induced by $\beta$ -Amyloid Peptides in vitro: The Role of Peptide Assembly State," Journal of Neuroscience 13(4):1676-1687 <del>(Exhibit 14);</del>					
		Prusiner, B. Stanley, et al. (1998) "Prion Protein Biology," Cell 93:337-348 <del>(Exhibit 15);</del>					
		Serpell, L.C., et al. (1997) "The molecular basis of amyloidosis," Cellular and Molecular Life Sciences 53:871-887 <del>(Exhibit 16);</del>					
		Sipe, D. Jean, et al. (1993) "Characterization of the Inbred CE/J Mouse Strain as Amyloid Resistant," American Journal of Pathology 143:1480-1485 <del>(Exhibit 17);</del>					
		Sipe, D. Jean (1992) "Amyloidosis," Annual. Review of Biochemistry 61:947-975 <del>(Exhibit 18);</del>					
		Smith, A. Mark, et al. (1994) "Heme Oxygenase-1 is Associated with the Neurofibrillary Pathology of Alzheimer's Diseases," American Journal of Pathology 145:42-47 <del>(Exhibit 19);</del>					
		Soto, Claudio and Castano, M. Eduardo (1996) "The conformation of Alzheimer's $\beta$ peptide determines the rate of amyloid formation and its resistance to proteolysis," Biochemical Journal 314:701-707 <del>(Exhibit 20);</del>					
		Soto, Claudio, et al. (1995) "Apolipoprotein E increases the fibrillogenic potential of synthetic peptides derived from Alzheimer's, Gelsolin and AA amyloids," FEBS Letters 371:110-114 <del>(Exhibit 21);</del>					
		Strauss, Sylvia, et al. (1992) "Detection of Interleukin-6 and $\alpha_2$ -Macroglobulin Immunoreactivity in Cortex and Hippocampus of Alzheimer's Disease Patients," Journal of the Academy of Pathology 66(2):223-230 <del>(Exhibit 22);</del>					
EXAMINER <i>Landra Weger</i>		DATE CONSIDERED <b>5/28/01</b>					

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SLW		Strauss, Sylvia, et al. (1992) "Detection of Interleukin-6 and $\alpha_2$ -Macroglobulin Immunoreactivity in Cortex and Hippocampus of Alzheimer's Disease Patients," Journal of the Academy of Pathology 66(2):223-230 ( <del>Exhibit 22</del> );
		Yan, Shi Du, et al. (1997) "Amyloid- $\beta$ peptide-Receptor for Advanced Glycation End product interaction elicits neuronal expression of macrophage-colony stimulating factor: A proinflammatory pathway in Alzheimer disease," Proceedings of the National Academy of Sciences 94:5296-5301 ( <del>Exhibit 23</del> );
		Yan, Shi Du, et al. (1996) "Rage and amyloid- $\beta$ peptide neurotoxicity in Alzheimer's disease," Nature 382:685-691 ( <del>Exhibit 24</del> ); and
		Yankner, A. Bruce (1996) "Mechanisms of Neuronal Degeneration in Alzheimer's Disease," Neuron 16:921-932 ( <del>Exhibit 25</del> );

Sandra Heger

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